

ISO 20022 & SWIFT MX COMPREHENSIVE PACS & CAMT MASTERY



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TRAINING CENTER



Introduction

The ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery Training Course builds deep, hands-on command of the two MX message families that carry most payment and reporting traffic. PACS messages drive clearing and settlement across correspondent banks, while CAMT messages deliver statements, reporting, and reconciliation data. Getting them right determines whether payments settle on time and whether accounts reconcile cleanly. This course works through both families field by field. It covers message construction, validation, mapping, and exception handling. Furthermore, it applies CBPR rules, testing discipline, and operational controls. As a result, participants handle PACS and CAMT messages with genuine mastery.

ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery Course Objectives

- Explain the ISO 20022 data model and MX message architecture.
- Interpret the full PACS message series and each message's purpose.
- Construct and validate pacs.008, pacs.009, and pacs.004 messages.
- Interpret the CAMT series including camt.052, camt.053, and camt.054.
- Apply CAMT statement structures for reconciliation and reporting.
- Use CBPR usage guidelines and MT-to-MX translation rules.
- Validate messages against XML schemas and business rule checks.
- Handle returns, recalls, investigations, and message repairs.
- Design reconciliation processes using CAMT data.
- Apply testing, certification, and operational control practices.

Course Methodology

- Interactive lectures with real PACS and CAMT message samples.

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- Hands-on construction and validation exercises in XML.
- CBPR mapping workshops from MT to MX formats.
- Reconciliation and exception handling case simulations.
- Structured peer discussion with facilitator feedback on message design.

Who Should Take This Course

- Payment operations and processing specialists.
- SWIFT and messaging operations officers.
- Business analysts on payment transformation projects.
- Reconciliation and cash management professionals.
- IT developers and testers working on payment platforms.
- Internal auditors reviewing payment control environments.

ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery Course Outlines

Day 1: ISO 20022 Architecture and Message Design

- The ISO 20022 metamodel, components, and message definitions.
- Message definition reports and the standards repository.
- Message identifiers, end-to-end references, and unique transaction references.
- Party, agent, account, and amount structures.
- Structured versus unstructured postal address requirements.
- Character set, length, and coding rules.
- Case study: reading a full pacs.008 message field by field.





Day 2: PACS Message Series in Depth

- pacs.008 customer credit transfer and its core fields.
- pacs.009 financial institution credit transfer and cover payments.
- pacs.004 payment return messages and return reason codes.
- pacs.002 status reports and pacs.028 status requests.
- pacs.010 direct debit and mandate relationships.
- Charge bearer, instruction priority, and settlement method fields.
- Workshop: constructing and validating a pacs.008 and pacs.004.

Day 3: CAMT Message Series in Depth

- camt.052 intraday account reporting.
- camt.053 end-of-day bank-to-customer statement structure.
- camt.054 debit and credit notification messages.
- camt.056 and camt.029 recall and resolution messages.
- Entry, transaction, and balance hierarchy in CAMT statements.
- Reference chaining for reconciliation across message types.
- Workshop: analysing a camt.053 statement and reconciling entries.

Day 4: CBPR Migration and Validation

- The CBPR usage guidelines and their scope.
- MT103, MT202, and MT940 mapping to MX equivalents.
- Field-level translation rules and truncation handling.
- XML schema validation and business rule checks.
- MyStandards usage guideline review and read-only access.

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- Testing strategies, certification, and parallel running.
- Workshop: mapping an MT103 and validating the resulting pacs.008.

Day 5: Exceptions, Reconciliation, and Controls

- Returns, recalls, investigations, and repair workflows.
- Reconciliation design using CAMT statements and notifications.
- Exception reporting, ageing, and suspense management.
- Straight-through processing metrics and quality monitoring.
- Sanctions and AML screening applied to richer MX data.
- Operational controls, audit trails, and access management.
- Course review, assessment, and action planning.

Conclusion

By successfully completing ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery, participants will gain a thorough understanding of the PACS and CAMT message families, MX message construction and validation, CBPR mapping rules, reconciliation design, and exception handling. They will also acquire practical skills in message building, schema validation, MT-to-MX mapping, and CAMT-based reconciliation. In addition, the course prepares them to support ISO 20022 payment flows with authority. Gentex Training Center delivers this programme with a strong focus on real payment operations and measurable processing quality.

FAQs for ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery course





Q1 What is the "ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery" course about?

It is a five-day programme devoted to the PACS and CAMT MX message families. It covers ISO 20022 architecture, pacs.008, pacs.009, pacs.004 and pacs.002 messages, camt.052, camt.053, camt.054 and camt.056 messages, CBPR mapping rules, validation, reconciliation, and exception handling.

Q2 What are the key benefits of the "ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery" course?

Participants gain detailed fluency in the messages that carry most payment and statement traffic, which sharply reduces errors and repairs. The course improves straight-through processing rates, reduces reconciliation breaks, speeds up investigation resolution, strengthens compliance screening of rich data, and improves testing outcomes before go-live.

Q3 What skills will I gain from the "ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery" course?

Participants gain PACS message construction, validation and return handling, CAMT statement interpretation and reconciliation design, CBPR MT-to-MX mapping and schema validation, and exception, recall and investigation workflow management. These four skills cover both payment initiation and statement-based reconciliation in MX format.



Q4 What tools, methods, or standards are covered in the "ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery" course?

The course covers the ISO 20022 metamodel and message definitions, the pacs series including pacs.008, pacs.009, pacs.004, pacs.002, pacs.028 and pacs.010, the camt series including camt.052, camt.053, camt.054, camt.056 and camt.029, stated and debtor/creditor agent structures, structured postal address rules, character set and coding rules, end-to-end and unique transaction references, CBPR usage guidelines, MT103, MT202 and MT940 translation rules, XML schema validation and business rule checks, MyStandards review, charge bearer and settlement method fields, return reason codes, reference chaining for reconciliation, and sanctions screening of MX data.

Q5 How is the "ISO 20022 & SWIFT MX Comprehensive PACS & CAMT Mastery" course applied in real-world practice?

Participants apply the skills directly on the desk. They build and validate PACS messages, map legacy MT traffic, resolve returns and recalls, interpret CAMT statements, design reconciliation logic, and prepare test cases for go-live. Many leave with message templates and validation checklists ready for immediate use.